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(54) PREVENTIVE OF LARGE INTESTINE CANCER

(57)Abstract:

PURPOSE: To provide a medicinal agent having large intestine cancer-preventive effect along with having blood cholesterol-reducing activity, containing, as active ingredient, a partial hydrolyzate of glucomannan with a specific molecular weight range derived from devil's tongue.

CONSTITUTION: Using, as starting material (s), devil's tongue powder, the glucomannan separated therefrom, or devil's tongue powder decolorized and deodorized with an alcohol, the material (s) are partially hydrolyzed through acid hydrolysis or enzymolysis to produce a partial hydrolyzate 2000-5000 in average molecular weight. The objective medicinal agent contains this partial hydrolyzate as active ingredient. The above partial hydrolysis is pref. enzymolysis in terms of regulating the degree of decomposition, and it is desirable to use an endo-type enzyme capable of hydrolyzing the intramolecular β -glucoside linkage of the glucomannan, esp. a cellulase derived from microorganisms belonging to Aspergillus.

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